PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.								
	ey Docket No.	OGW-0285						
UTILITY	First In	ventor	Masanori Hashiba					
PATENT APPLICATION								
TRANSMITTAL	Title	FIBER BOAR	RD AND ITS PRODUCING METHOD					
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expres	s Mail Label No.						
			MS Patent Application					
APPLICATION ELEMENTS	lanta	ADDRESS T	O. Commissioner for Patents P.O. Box 1450					
See MPEP chapter 600 concerning utility patent application cont	ents.		Alexandria, VA 22313-1450					
1. X Fee Transmittal Form (e.g., PTO/SB/17)			or CD-R in duplicate, large table or					
(Submit an original, and a duplicate for fee processing)		Compute	er Program (Appendix) nd/or Amino Acid Sequence Submission					
2. Applicant claims small entity status. See 37 CFR 1.27.			all necessary)					
3. X Specification [Total Pages 19]	a. Comp	uter Readable Form (CRF)					
(preferred arrangement set forth below)		b. Specification	on Sequence Listing on:					
 Descriptive title of the invention Cross Reference to Related Applications 		i.	CD-ROM or CD-R (2 copies); or ii. Paper					
 Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, 		c. Stater	nents verifying identity of above copies					
or a computer program listing appendix - Background of the Invention	ſ		OMPANYING APPLICATION PARTS					
Brief Summary of the Invention Brief Description of the Drawings (if filed)		Assignment Papers (cover sheet & document(s))						
Detailed Description Claim(s)								
- Abstract of the Disclosure		10. (when there is an assignee)						
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 1	_]	11. English	Translation Document (if applicable)					
5. Oath or Declaration [Total Sheets 3]]	12. X Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations						
a. X Unexecuted		13. Preliminary Amendment						
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)			Receipt Postcard (MPEP 503) be specifically itemized)					
i. DELETION OF INVENTOR(S)			Copy of Priority Document(s) priority is claimed)					
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		16 Nonpubl	ication Request under 35 U.S.C. 122 (b)(2)(B)(i). It must attach form PTO/SB/35 or its equivalent.					
(-),-	j	17. Other:						
6. Application Data Sheet. See 37 CFR 1.76								
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:								
Continuation Divisional Continuation-in-part (CIP) of prior application No.:								
Prior application information: Examiner Art Unit:								
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied								
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
19. CORRESPONDENCE ADDRESS								

X Customer Number:

Name

Address

Country

City

Names (Print/Type)	David T. Nikaide/Lee Cheng	Registration Nos. (Attorney/Agent	22,663/40,949
Signature	Ma a	Date	September 17, 2003

DC

Telephone (202) 955-3750

OR

Correspondence address below

20036

Fax (202) 955-3751

Zip Code

23353

State

RADER, FISHMAN & GRAUER PLLC

David T. Nikaido 1233 20th Street, N.W.

Suite 501 Washington

US



PTO/SB/17 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

F	E	E	TF	R/	N	IS	M	T	TA	L
		1	foi	r F	=Y	2	00	3		

Effective 01/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

Complete if Known **NEW APPLICATION** Application Number September 17, 2003 Filing Date Masanori Hashiba First Named Inventor **Examiner Name** Not Yet Assigned N/A

METHOD OF PAYMENT (check all that apply) SEE CALCULATION (continued)	Applicant claims small entity status. See 37 CFR 1.27		Art Unit N/A					
Check	TOTAL AMOUNT OF PAYMENT (\$) 1,030.00 Attorney Docket No. OGW-0285							
Cape	METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
The property The		3. 4	3. ADDITIONAL FEES					
Rader, Fishman & Grauer PLLC 1051 130 2051 65 Surcharge – late filing fee or oath	X Deposit Account:	1.						
Code (\$) Code C	Deposit 18-0013	Fee Fee Fee Fee						
Account Rader, Fishman & Grauer PLLC 1052 50 205 25 205 2						Fee Description	Fee Pa	
The Director is authorized to: (check all final apply) 1052 50 2052 25 Surcharge – late provisional filing fee or cover sheet. 1053 130 1053 130 1053 130 1055	Deposit Account Rader, Fishman & Grauer PLLC	1051	130	2051	65	Surcharge – late filing fee or oath		
X Charge fee(s) indicated below X Credit any overpayments 1053 130 1053 130 Non-English specification X Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filling fee 1804 920* 1804 920* Charge fee(s) indicated below, except for the filling fee 1805 1,840* 1805 1,840* In a contract of the above-identified deposit account. 1805 1,840* 1805 1,840* In a contract of the above-identified deposit account. 1805 1,840* 1805 1,840* In a contract of the above-identified deposit account. 1805 1,840* 1805 1,840* In a contract of the above-identified deposit account. 1805 1,840* 1805 1,840* In a contract of the above-identified deposit account. 1805 1,840* 1805 1,840* In a contract of the above-identified deposit account. 1805 1,840* 1805 1,840* In a contract of the above-identified deposit account. 1805 1,840* 1805 1,840* 1805 1,840* In a contract of the above-identified deposit account. 1805 1,840* 1805	Name	1052	50	2052	25			
Charge any additional fee(s) during the pendency of this projection 1812 2,520 1812 2,520 For filing a request for ex parte reexamination 200 1804 200 1804 200 1804 200 1805 1,840 1,840		1053	130	1053	130	<u> </u>		
Superside Charge Fee Calculation Superside	Charge any additional factor division the anadomy of this	1		l		- · · · · · · · · · · · · · · · · · · ·		
Charge fee(s) indicated below, except for the filing fee 1805 1,840 1,840 1805 1,840 1805 1,840 1805 1,840 1805 1,840	application	1		ĺ			<u> </u>	
		1				Examiner action	<u> </u>	
1. BASIC FILING FEE Large Entity Small Entity		-		ĺ	,	Examiner action	<u> </u>	
1253 930 2253 465 Extension for reply within third month 1254 1,450 2254 725 Extension for reply within fourth month 1254 1,450 2254 725 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within firth month 1255 1,970 2255 985 Extension for reply within firth month 1255 1,970 2255 985 Extension for reply within firth month 1255 1,970 2255 985 Extension for reply within firth month 1255 1,970 2255 985 Extension for reply within firth month 1255 1,970 2255 985 Extension for reply within firth month 1255 1,970 2255 985 Extension for reply within firth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within figh month 1255 1,970 2255 985 Extension for reply within figh month 1255 1,970 2255 985 Extension for reply within figh month 1255 1,970 2255 985 Extension for reply within figh month 1255 1,970 2255 985 Extension for reply within figh month 1255 1,970 2255 985 Extension for reply within figh month 1255 1,970 2255 985 Extension for reply within figh month 1255 1,970 2255 985		1251	110	ľ	55	Extension for reply within first month	<u> </u>	
Fee Description Fee Paid 1254 1,450 2254 725 Extension for reply within fourth month 1001 750 2001 375 Utility filing fee 1401 320 2401 160 Notice of Appeal 1402 320 2402 160 Notice of Appeal 1403 280 2403 140 Request for oral hearing 1405 2505 750.00 1451 1,510 Petition to institute a public use proceeding 1452 110 1451 1,510 Petition to revive – unavoidable 1401 140		1		1	205	Extension for reply within second month		
Code (\$) Code Co	- · · · · · · · · · · · · · · · · · · ·	1253	930	2253	465	Extension for reply within third month		
1002 330 2002 165 Design filing fee 1401 320 2401 160 Notice of Appeal 1402 320 2402 160 Filing a brief in support of an appeal 1403 280 2403 140 Request for oral hearing 1405 1451 1,510 Petition to institute a public use proceeding 1451 1,510 1451 1,510 Petition to revive – unavoidable 1453 1,300 2453 650 Petition to revive – unavoidable		1254	1,450	2254	725	Extension for reply within fourth month		
1402 320 2402 160 Filing a brief in support of an appeal 1402 320 2402 160 Filing a brief in support of an appeal 1403 280 2403 140 Request for oral hearing 1403 2403	1001 750 2001 375 Utility filing fee 750.00	1255	1,970	2255	985	Extension for reply within fifth month		
1004 750 2004 375 Reissue filing fee 1403 280 2403 140 Request for oral hearing 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive – unavoidable 1453 1,300 2453 650 Petition to revive – unavoidable 1453 1,400 1451 1,510	1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal		
SUBTOTAL (1) (\$) 750.00 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from below Fee Paid Claims 17 -20** =	1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal		
SUBTOTAL (1) (\$) 750.00 1452 110 2452 55 Petition to revive – unavoidable 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from below Fee Paid Claims 17 -20** =	1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing		
SUBTOTAL (1) (\$) 750.00 1453 1,300 2453 650 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Claims 17 -20** =	1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from below Fee Paid Total Claims 17 -20** =	SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to revive – unavoidable		
Extra Claims 17 -20**	000101AE(1) (4) 730.00	1453	1,300	2453	650	Petition to revive - unintentional		
Claims 17 -20** =	2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue fee (or reissue)		
Total Claims 17 -20** = x = 0.00 1503 630 2503 315 Plant issue fee		1502	470	2502	235	Design issue fee		
Staims 2 3 3 3 4 200 2 280.00 2 2 2 2 2 2 2 2 2		1503	630	2503	315	Plant issue fee		
Aultiple Dependent 280.00 = 280.00 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties) 1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claims in excess of 3 1204 84 2204 42 ** Reissue independent claims over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1206 180 1806 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties) Filing a submission after final rejection (37 CFR 1.129(a)) 1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) 1801 750 2810 375 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application	ndependent 2 -3** = x = 0.00	1460	130	1460	130	Petitions to the Commissioner		
Fee		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Code (\$) Code (\$) Fee Description	Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt		
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent 1206 18 2202 9 Claims in excess of 20 1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) 1801 750 2801 375 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application		8021	40	8021	40			
1203 280 2203 140 Multiple dependent claims in excess of 3 1204 84 2204 42 ** Reissue independent claims over original patent over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1205 1802 900		1809	750	2809	375	Filing a submission after final rejection		
220 24 42 ** Reissue independent claims over original patent solution of a design application of a design application over original patent over original patent Other fee (specify)		1810	750	2810	375	For each additional invention to be	 	
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify)		1		Į		, , , , , , , , , , , , , , , , , , , ,	<u> </u>	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent Other fee (specify)								
Cuter to (specify)		1		l	900			
SUBTOTAL (2) (\$) 280.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.		1		• •			<u> </u>	
**or number previously paid, if greater; For Reissues, see above	\	*Red	uced by E	Basic Fi	ling Fee	Paid SUBTOTAL (3) (\$)	0.0	

SUBMITTED BY						(Complete	(if applicable))
Names (Print/Type)	David T. Ni	ikaido/Lee	Cheng	Registration Nos. (Attorney/Agent)	22,663/40,949	Telephone	(202) 955-3750
Signature	L		e			Date	September 17, 2003